



0350 1632

Attorney Docket Number O 2001.690 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:
Shepard, Scot R.

Serial No.: 09/766,043 Group: 1632

Filed: January 19, 2001 Examiner: To be assigned

For: METHODS AND COMPOSITINS FOR EXTRACTING PROTEINS FROM CELLS

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Honorable Commissioner of Patents
Alexandria, VA 22313

March 31, 2004

Sir:

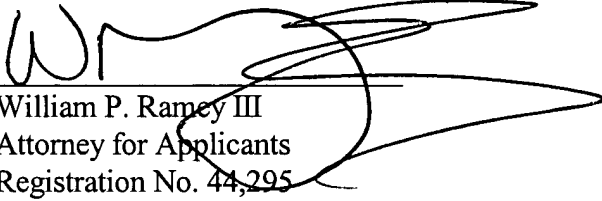
The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-1449. One copy of each document is enclosed.

No fee or certification is required in connection with this Information Disclosure Statement, since it is being submitted prior to the last of (1) issuance of a first official action on the merits and (2) expiration of the three month period following filing of the above-captioned application.

The above information is presented so that the Patent and Trademark Office can determine any materiality thereof to the claimed invention. It is respectfully requested that the information be considered during the prosecution of this application and that the cited documents be listed on the front page of any patent issuing from this application.

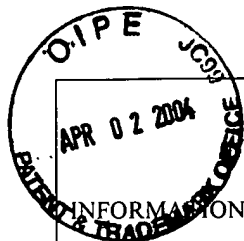
The Patent Office is authorized to charge our Deposit Account No. 02-2334 for any fee which it deems to be required to effect consideration of this statement.

Respectfully submitted,



William P. Ramey III
Attorney for Applicants
Registration No. 44,295

Akzo Nobel Patent Department
Intervet Inc.
405 State Street
P.O. Box 318
Millsboro, DE 19966
Tel: (302) 933-4034
Fax: (302) 934-4305



INFORMATION DISCLOSURE CITATION PTO-1449	Attorney Docket No.	Serial No.
	O 2001.690 US	09/766,043
	Applicant Scot R. Shepard	
	Filing Date	Group
	January 19, 2001	1632

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Translation
	AJ				
	AK				
	AL				
	AM				
	AN				
	AO				
	AP				
	AQ				

OTHER DOCUMENTS

	AR	Potter et al: "Production and Purification of the Heavy Chain Fragment C of Botulinum Neurotoxin, Serotype A, Expressed in the Methylophilic Yeast <i>Pichia pastoris</i> ; Protein Expression and Purification 19, 393-402 (2000)
	AS	Gabay et al: "Purification of <i>Legionella pneumophila</i> Major Outer Membrane Protein and Demonstration that It Is a Porin; Journal of Bacteriology, April 1985, p. 85-91
	AT	Farrell et al: "Effects of Metallothionein on the Observed Copper Distribution in Cell Extracts; Journal of Inorganic Biochemistry, 49, 9-22 (1993)
	AU	Leimgruber et al: "Development of improved cell lysis, solubilization and imaging approaches for proteomic analyses; Proteomics 2002, 2, 135-144
	AV	Clegg et al: "High-Level Expression and Efficient Assembly of Hepatitis B Surface Antigen in the Methylophilic Yeast, <i>Pichia Pastoris</i> ; Bio/Technology, vol 5, May 1987
	AW	Potter et al: "Production and Purification of the Heavy-Chain Fragment C of Botulinum Neurotoxin, Serotype B, Expressed in the Methylophilic Yeast <i>Pichia pastoris</i> ; Protein Expression and Purification 13, 357-365 (1998) Article No. PT980910
	AX	Shepard, Scot R.: "Recovery of intracellular recombinant proteins from the yeast <i>Pichia pastoris</i> by cell permeabilization; Journal of Biotechnology 99 (2002) 149-160
Examiner		Date Considered